

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 4    | ("5719858"   "5838683"   "6195425"   "6330250").<br>PN. | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2011/08/08<br>06:54 |
| L2    | 90   | BAUM near ROBERT  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/08/08<br>06:59 |
| L3    | 24   | L2 and layer adj (two "2")<br>with header               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/08/08<br>06:59 |
| L4    | 2636 | 726/3.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/08/08<br>07:01 |
| L5    | 0    | L4 and @ad<"20000831"<br>and @pd>"20110428"             | US-PGPUB;<br>USPAT; USOCR                               | OR               | OFF     | 2011/08/08<br>07:01 |
| L6    | 950  | 713/151.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/08/08<br>07:01 |
| L7    | 0    | L6 and @ad<"20000831"<br>and @pd>"20110428"             | US-PGPUB;<br>USPAT; USOCR                               | OR               | OFF     | 2011/08/08<br>07:01 |
| L8    | 4283 | 713/168.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/08/08<br>07:01 |
| L9    | 2    | L8 and @ad<"20000831"<br>and @pd>"20110428"             | US-PGPUB;<br>USPAT; USOCR                               | OR               | OFF     | 2011/08/08<br>07:01 |
| L10   | 102  | 705/73.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/08/08<br>07:01 |
| L11   | 0    | L10 and @ad<"20000831"<br>and @pd>"20110428"            | US-PGPUB;<br>USPAT; USOCR                               | OR               | OFF     | 2011/08/08<br>07:01 |

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| L12 | 19218 | ("layer 2" "data link") same frame header with address with (chag\$4 replac\$4)               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:01 |
| L13 | 349   | L12 same authenticat\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:01 |
| L14 | 0     | L13 and @ad<"20000831" and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:01 |
| L15 | 7     | ("layer 2" "data link") same frame same header with address with (chag\$4 replac\$4)          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L16 | 0     | L15 and @ad<"20000831" and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L17 | 10    | ("layer 2" "data link") same frame same header with address same authenticat\$4               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L18 | 0     | L17 and @ad<"20000831" and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L19 | 78    | ("layer 2" "data link") and frame same header with address same authenticat \$4               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L20 | 0     | L19 and @ad<"20000831" and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L21 | 482   | ("layer 2" "data link") and frame same address same authenticat\$4                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L22 | 0     | L21 and @ad<"20000831" and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L23 | 24    | ("layer 2" "data link") and frame same header with (modif\$6 chang\$4 replac \$4) with unique | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L24 | 0     | L23 and @ad<"20000831" and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |

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| L25 | 54   | ("layer 2" "data link") with authenticat\$4 same header            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L26 | 0    | L25 and @ad<"20000831" and @pd>"20110428"                          | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L27 | 175  | ("layer 2" "data link") same authenticat\$4 same header            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L28 | 0    | L27 and @ad<"20000831" and @pd>"20110428"                          | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L29 | 38   | frame same header with (modif\$6 chang\$4 replac \$4) with unique  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L30 | 0    | L29 and @ad<"20000831" and @pd>"20110428"                          | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L31 | 41   | frame same header with (modif\$6 chang\$4 replac \$4) with key     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L32 | 0    | L31 and @ad<"20000831" and @pd>"20110428"                          | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L33 | 378  | frame same header with (modif\$6 chang\$4 replac \$4) with address | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L34 | 0    | L33 and @ad<"20000831" and @pd>"20110428"                          | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L35 | 2438 | authenticat\$4 with mac adj address                                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L36 | 0    | L35 and @ad<"20000831" and @pd>"20110428"                          | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L37 | 138  | authenticat\$4 with mac adj address same header                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L38 | 0    | L37 and @ad<"20000831" and @pd>"20110428"                          | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |

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| L39 | 105 | authenticat\$4 with source<br>adj address same header  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L40 | 0   | L39 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L41 | 620 | authenticat\$4 with source<br>adj address  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L42 | 0   | L41 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L43 | 435 | MAC adj address same<br>layer adj ("2" two) with<br>header   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L44 | 0   | L43 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L45 | 520 | MAC adj address with<br>spoof\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L46 | 0   | L45 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L47 | 108 | MAC adj address same<br>layer adj ("2" two) with<br>header and (modify\$4<br>chang\$4 alter\$4 spoof\$4)<br>with (source destination<br>mac) adj address | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L48 | 0   | L47 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L49 | 241 | ("layer 2" "layer two"<br>"data link") same header<br>same VPN   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L50 | 0   | L49 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L51 | 72  | ("layer 2" "layer two"<br>"L2") with MAC adj<br>address same VPN   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L52 | 0   | L51 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |

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| L53 | 15    | VPN same OUI   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L54 | 0     | L53 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L55 | 71    | OUI same authenticat\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L56 | 0     | L55 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L57 | 526   | Organization\$6 adj Unique<br>adj Identifier   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L58 | 0     | L57 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L59 | 76    | ((Organization\$6 adj<br>Unique adj Identifier)<br>OUI) same authenticat\$4                          | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2011/08/08<br>07:02 |
| L60 | 0     | L59 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L61 | 69    | ((Organization\$6 adj<br>Unique adj Identifier)<br>OUI) with replac\$4                               | US-PGPUB;<br>USPAT; USOCR                               | OR | ON  | 2011/08/08<br>07:02 |
| L62 | 0     | L61 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L63 | 11108 | (replac\$4 modify\$4 chang<br>\$4 alter\$4 spoof\$4) with<br>(source destination mac)<br>adj address | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:02 |
| L64 | 0     | L63 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:02 |
| L65 | 689   | L63 same ("data link"<br>"layer 2" "layer two" "L2")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:03 |
| L66 | 0     | L65 and @ad<"20000831"<br>and @pd>"20110110"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:03 |
| L67 | 0     | L66 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:03 |
| L68 | 10016 | (authenticat\$4 compar\$4)<br>with (source destination<br>mac) adj address                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:03 |

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| L69 | 334 | L68 same ("data link"<br>"layer 2" "layer two" "L2")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:03 |
| L70 | 0   | L69 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:03 |
| L71 | 625 | (replac\$4 modify\$4 chang<br>\$4 alter\$4 spoof\$4) with<br>(source destination mac)<br>adj address with<br>(authentikat\$4 unique) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/08/08<br>07:03 |
| L72 | 0   | L71 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:03 |
| L73 | 81  | unique near2 string with<br>transaction  | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:03 |
| L74 | 0   | L73 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:03 |
| L75 | 193 | unique with transaction<br>with (string ID identifier)<br>same transaction adj type  | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:03 |
| L76 | 0   | L75 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:03 |
| L77 | 250 | unique with (string ID<br>identifier) same<br>transaction adj type   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:03 |
| L78 | 0   | L77 and @ad<"20000831"<br>and @pd>"20110428"   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2011/08/08<br>07:03 |

## EAST Search History (Interference)

| Ref # | Hits  | Search Query  | DBs            | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|----------------|------------------|---------|------------------|
| L79   | 7     | (replac\$4 with layer<br>adj (two "2") with<br>header).clm.           | USPAT;<br>UPAD | OR               | ON      | 2011/08/08 07:08 |
| L80   | 4     | (authentikat\$4 with<br>layer adj (two "2")<br>with header).clm.      | USPAT;<br>UPAD | OR               | ON      | 2011/08/08 07:08 |
| L81   | 3     | (unique adj bit with<br>layer adj (two "2")<br>with header).clm.      | USPAT;<br>UPAD | OR               | ON      | 2011/08/08 07:09 |
| L82   | 9261  | (unique adj bit with<br>transaction layer adj<br>(two "2")).clm.      | USPAT;<br>UPAD | OR               | ON      | 2011/08/08 07:09 |
| L83   | 31069 | ( transaction layer adj<br>(two "2")).clm.                            | USPAT;<br>UPAD | OR               | ON      | 2011/08/08 07:09 |
| L84   | 0     | (unique adj bit with<br>transaction with layer<br>adj (two "2")).clm. | USPAT;<br>UPAD | OR               | ON      | 2011/08/08 07:10 |

|     |   |   |                |    |    |                  |
|-----|---|---|----------------|----|----|------------------|
| L85 | 6 | (transaction with layer<br>adj (two "2")) .clm. | USPAT;<br>UPAD | OR | ON | 2011/08/08 07:10 |
|-----|---|---|----------------|----|----|------------------|

**8/ 8/ 11 7:10:59 AM**

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wsp**